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[CA/CA]; 12670 52e Avenue, Montreal, Québec H1E 2H5
(CA).

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(74) Agents: **ESMOND, Robert, W. et al.**; Sterne, Kessler,
Goldstein & Fox, P.L.L.C., 1100 New York Avenue, Wash-
ington, DC 20005 (US).

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(71) Applicants (*for all designated States except US*): **CY-
TOVIA, INC.** [US/US]; 6650 Nancy Ridge Drive,
San Diego, CA 92121 (US). **SHIRE BIOCHEM, INC.**
[CA/CA]; 275 Armand-Frappier Boulevard, Laval, Québec
H7V 4A7 (CA).

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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **CAI, Sui, Xiong**
[US/US]; 3623 Berryfield Court, San Diego, CA 92130
(US). **JIANG, Songchun** [US/US]; 10512 Rancho Carmel
Drive, San Diego, CA 92128 (US). **KEMNITZER,**
William, E. [US/US]; 2838 Bay Canyon Court, San
Diego, CA 92117 (US). **ZHANG, Hong** [CN/US]; 5139
Clairemont Mesa Boulevard, Apartment 110, San Diego,
CA 92117 (US). **ATTARDO, Giorgio** [CA/CA]; 2740
Prudential, Laval, Québec H7K 3M1 (CA). **DENIS, Real**

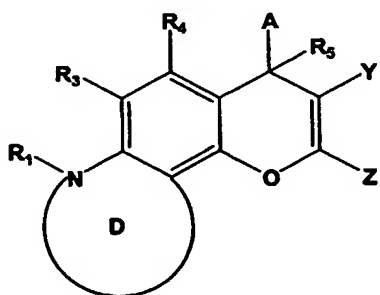
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ning of each regular issue of the PCT Gazette.*

(54) Title: SUBSTITUTED 4-ARYL-4H-PYRROLO[2,3-H]CHROMENES AND ANALOGS AS ACTIVATORS OF CASPASES AND INDUCERS OF APOPTOSIS AND THE USE THEREOF



(I)

(57) Abstract: The present invention is directed to substituted 4H-chromenes and analogs thereof, represented by the Formula (I): wherein R¹, R³-R⁵, A, D, Y and Z are defined herein. The present invention also relates to the discovery that compounds having Formula (I) are activators of caspases and inducers of apoptosis. Therefore, the activators of caspases and inducers of apoptosis of this invention can be used to induce cell death in a variety of clinical conditions in which uncontrolled growth and spread of abnormal cells occurs.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07D 401/00, 235/02; A61K 31/44

US CL : 546/273.1, 276.1; 548/302.1; 514/338, 387

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST, STN CAS ON LINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,281,619 A (DELL et al) 25 January 1994 (25.01.1994) entire document	1-92

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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Names and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
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Facsimile No. (703)305-3230

Authorized officer

Kamal Saeed

Telephone No. (703) 308 1235

Janice Ford
for